802.11n Wireless USB Adapter

Product Features

- Detachable RP-SMA connector with 3dBi antenna
- 2.4GHz ISM band, unlicensed operation
- Compliant with IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
- Provides up to 150Mbps for both data download and upload
- Wi-Fi Protected Setup (WPS) support
- Supports WEP 64/128-bit, WPA, WPA-PSK, WPA2, WPA2-PSK (TKIP/AES encryption)
- Supports QoS-WMM (WiFi Multi-Media) function / WMM-PS
- Supports Software AP mode
- USB 2.0 / 1.1 attached interface
- Mini-size design
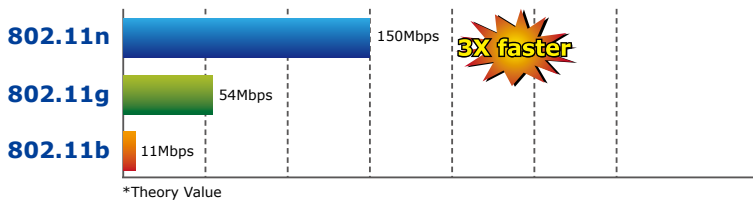- Supports the most popular operating systems including Windows 2000, XP, Vista, Win7, Linux, and MAC OS X
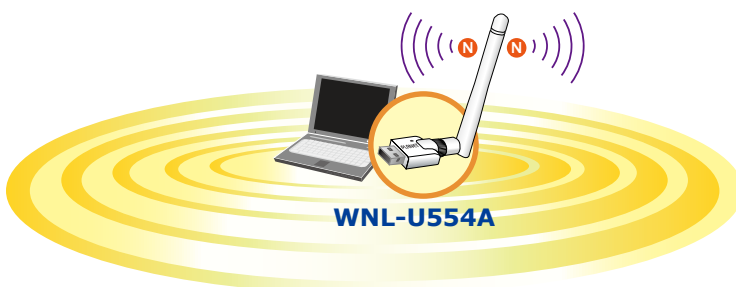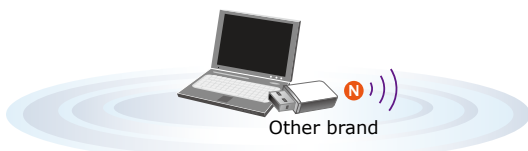
High Speed 802.11n Wireless Experience

PLANET WNL-U554A Wireless USB Adapter offers a reliable and cost effective wireless extending solution. It adopts IEEE 802.11n technology and is backward compatible with IEEE 802.11b and 802.11g. The WNL-U554A supports USB 2.0 interface that integrates with one transmit channel and one concurrent receive channel to enable the speed to go up to 150Mbps for both data upload and download.

802.11n 150Mbps **3X faster**
802.11g 54Mbps
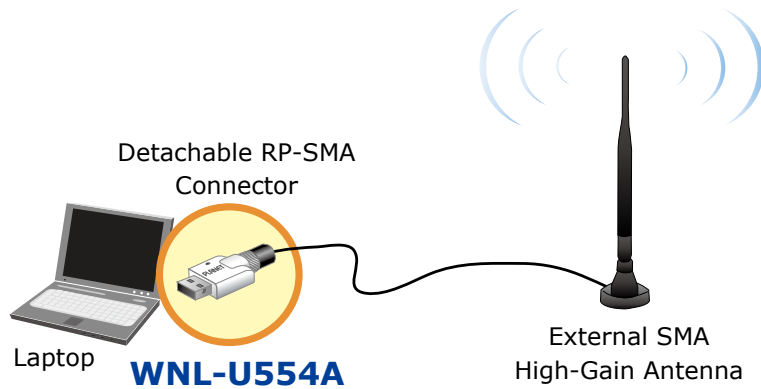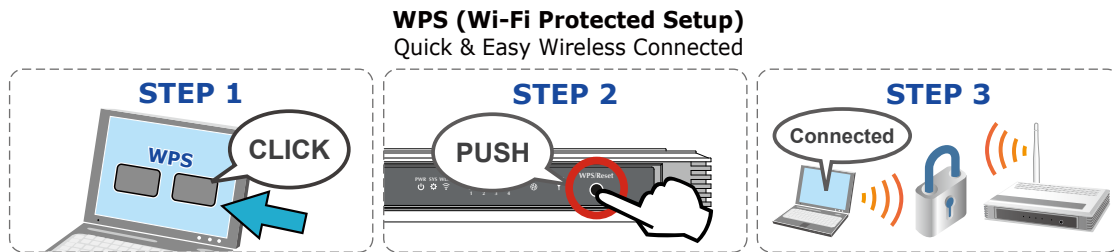**802.11b** 11Mbps
*Theory Value

Wireless Coverage Plus !

The WNL-554A is equipped with external 3dBi hi-gain antenna which provides strong signal and excellent performance even in the long range or bad environment. With detachable RP-SMA connector design in the WNL-U554A, it allows users to manually exchange higher gain antenna for further wireless coverage range.

Other brand

WNL-U554A

Detachable RP-SMA
Connector

Laptop **WNL-U554A**

External SMA
High-Gain Antenna

Advanced Wireless Security

The WNL-U554A provides advanced security features including 64/128-bit WEP, WPA / WPA2 and WPA-PSK / WPA2-PSK with TKIP/AES encryption. Furthermore, in order to simplify the security configurations, WPS (Wi-Fi Protected Setup) function is included to offer a convenient and fast connection method for users as well.

WPS (Wi-Fi Protected Setup)
Quick & Easy Wireless Connected

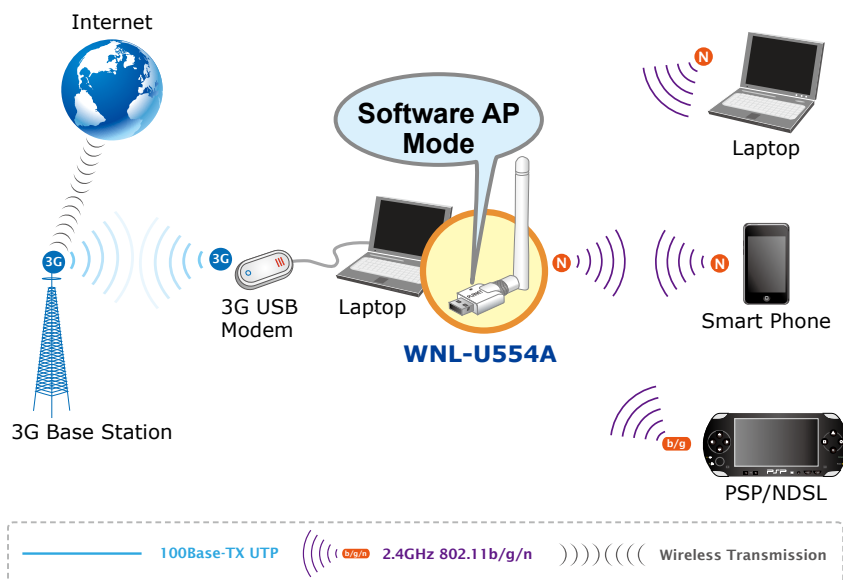STEP 1
WPS CLICK

STEP 2
PUSH

STEP 3
Connected

Multiple OS Compliances

The WNL-U554A supports the most popular operating systems including Windows 2000, XP, Vista, Win7, Linux, and MAC OS X. With high speed capability, users can have higher wireless transmission speed anywhere, anytime.

Software Access Point Function for Wireless Connection Sharing

More than just being an adapter for PC and laptop connecting to high speed wireless network, the WNL-U554A can also become a wireless access point. With the USB Wireless LAN Utility included in the package, users can switch the WNL-U554A operation mode between Station mode and Access Point mode. When the WNL-U554A is in the Access Point mode, it turns to a Wi-Fi Hotspot. The Wi-Fi supported devices such as iPhone / Android / Symbian / Windows Phone / iPod Touch / iPad / NDS / PSP can connect to it and share the wireless access easily. Therefore, travelers would then be worry-free to connect to Internet wirelessly via the WNL-U554A when there is only wired Internet available anywhere.
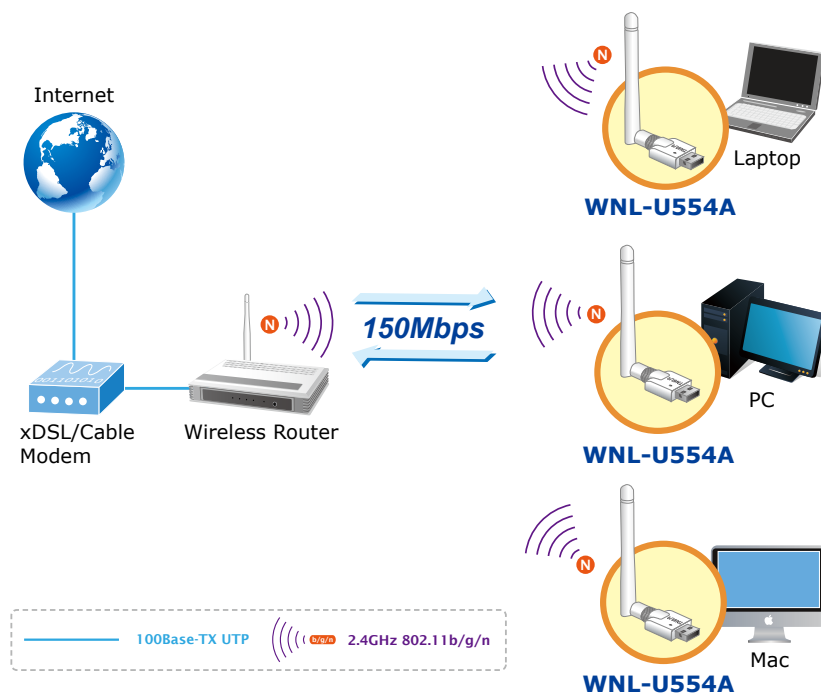

Internet

Software AP
Mode

Laptop

3G USB
Modem   Laptop

WNL-U554A

Smart Phone

3G Base Station

PSP/NDSL

100Base-TX UTP   2.4GHz 802.11b/g/n   Wireless Transmission

2

Easy Installation Wizard

The WNL-U554A provides an easy installation wizard in 35 languages. It guides users step by step to easily complete the product installation through the whole process.
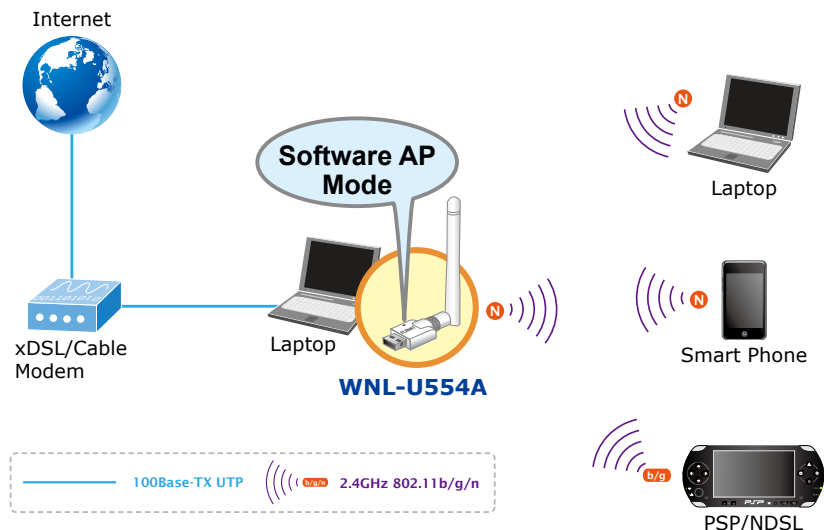
Applications

Easy and Safe Wireless Connection

Connect the WNL-U554A to your PC or laptop/notebook and you can then easily share a secure wireless network for high-speed Internet access, file transmission or media stream at your home or office. Moreover, the WNL-U554A also supports multiple-advanced security features to enhance the safety connection.

Flexible Wi-Fi Hotspot

The WNL-U554A is one of the best choices for wireless environment. With the built-in Soft AP function in the WNL-U554A, you can flexibly share the xDSL / Cable or 3G/3.5G Internet connection with other users.

3

Product Specifications

Product	802.11n Wireless USB Adapter
Model	WNL-U554A
Hardware Specifications	
Interface	USB 2.0, Type-A
Antenna	1 x Detachable RP-SMA connector with 3dBi Antenna (1T1R)
LED	1 x Link / Active (Blue)
Operation Voltage	5V DC, power source from USB port
Dimensions (W x D x H)	45 x 18 x 10 mm
Weight	15g
Wireless Specifications	
Standards Conformance	IEEE 802.11n IEEE 802.11g IEEE 802.11b
RF Modulation	DBPSK, DQPSK, CCK, OFDM
Frequency Band	2412MHz ~ 2483.5MHz
Data Rate	802.11n (20MHz): up to 72 Mbps 　　　　 (40MHz): up to 150 Mbps 802.11g: 6/9/12/24/36/48/54Mbps 802.11b: 1/2/5.5/11Mbps
Wireless Transmit Power	18dBm@802.11b 14dBm@802.11g 14dBm@802.11n
Receiver Sensitivity	135M: -68dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER
Operating Mode	Ad-Hoc / Infrastructure, Soft AP
Encryption Security	WEP 64/128-bit WPA-PSK / WPA2-PSK (TKIP/AES) WPA / WPA2 (TKIP/AES)
Advanced Wireless Function	Supports 802.11e WMM (Wi-Fi Multimedia) Supports WPS (Wi-Fi Protected Setup) by software
Management	The utility included in the package or Windows XP Zero Configuration utility
Operating Systems	Windows 2000/XP (x86/x64) / VISTA (x86/x64) / Win7 (x86/x64) Linux Kernel 2.4 /2.6 Macintosh 10.4/10.5/10.6
Environment	
Temperature	Operating :0 ~ 40 degrees C Storage: -40 ~ 70 degrees C
Humidity	Operating: 10-90% (non-condensing) Storage: 5-95% (non-condensing)

Ordering Information

WNL-U554A	802.11n Wireless USB Adapter

C-WNL-U554Av3